

KRAUS®

KPA-99

99%
RH UP TO 12 LBS.
MVER

Resilient Flooring & Modular Carpet Tile Adhesive

1. PRODUCT NAME

Kraus® KPA-99 Resilient Flooring & Modular Carpet Tile Adhesive

2. MANUFACTURED FOR

Kraus Flooring

65 Northfield Drive West
Waterloo, ON N2L 0A8
(519) 884-2310

3. DESCRIPTION

Kraus KPA-99 offers tremendous bond strength, unparalleled moisture and plasticizer migration resistance for a wide variety of resilient flooring coverings. KPA-99 can be used as a permanent bond or as a true pressure sensitive adhesive with an optional extended open time up to 12 hours. This dynamic adhesive can be ready for immediate light traffic and institutional traffic (including rolling loads) after just 48 hours.

Features and Benefits

- Moisture Control Adhesive – Up to 12 lbs. MVER (ASTM F1869) / 99% RH (ASTM F2170)
- High-bond strength with extreme moisture resistance
- Excellent resistance to plasticizer migration
- Enviro-Friendly – solvent-free and LEED® compliant, VOC < 1 g/L, SCAQMD Rule 1168
- Non-flammable: NFPA Class A and UBS Class I Fire Resistance
- CRI Green Label Plus® Certified – GLP+ #100208
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Residential

Uses

LVT/LVP, WPC/SPC, VCT/VET, fiberglass-backed sheet flooring, compressed quartz tile, bio-based composition tile, cork-backed flooring, cork and rubber underlayments, carpet tiles (hard & soft backed) carpet cushion and much more.

Coverage and Trowel Options*

1/16" x 1/16" x 1/16"

Approved Substrate: Porous
Coverage: 125-185 ft² per gallon

1/16" x 1/32" x 1/32"

Approved Substrate: Non-Porous
Coverage: 185-260 ft² per gallon

Short Nap Roller (3/8")

Approved Substrate: Non-Porous
Coverage: Up to 250-350 ft² per gallon

**The trowel notches referenced are those typically recommended for the type of flooring being installed and are shown as a guide. Consult flooring manufacturer for their specific trowel recommendations.*

Substrates

Concrete, APA/ underlayment grade plywood and OSB, primed gypsum and lightweight concrete, cork underlayment, terrazzo and radiant heated floors not exceeding 85° F (30° C). Properly prepared existing floor covering: VCT (single layer), non-cushion sheet vinyl (single layer, fully adhered) and ceramic tile.

*Note: For uses and substrates not covered, please contact 800-852-8020 (USA) or 888-626-2466 (Canada).

Limitations

- For interior use only.
- Ensure substrate, flooring material and adhesive are fully acclimated (prior to installation) at the same temperature and humidity level expected during normal use (between 65-95° F with a relative humidity of no greater than 65%).
- For flooring, backings and underlayment not listed, contact technical services.
- Refer to flooring manufacturer's specific recommendations and industry standards and maintain these conditions after the installation.
- Ensure adequate ventilation during flooring installation.

4. TECHNICAL DATA

Product Type: Acrylic Latex/PSA

Color: Off white

Odor: Very mild

PERMANENT Installations (Wet-set Method)

Open Time: Up to 20 minutes

Working Time: Up to 40 minutes

PRESSURE SENSITIVE Installations (Tack-set Method)

Open Time: 60 Minutes

Working Time: Up to 8-12 Hours

VOC: < 1 g/L

MVER: 12 lbs. (ASTM F1869) and/or 99% RH (ASTM F2170)

pH: Must not exceed 12

Shelf Life: 1 year in unopened container

Storage: Protect from freezing. Does not require thinning.



5. INSTRUCTIONS

Preparation

Concrete substrate must be dry (within tested moisture tolerance of floor covering manufacturer and adhesive product). Subfloors must be clean, structurally sound and within flat and level tolerance of manufacturer. All substrates must be free of contaminants that might inhibit the bond of the adhesive or the performance of the flooring and its installation. All substrate cracks, chips, holes, joints or high spots must be adequately repaired with compounds suitable for the use and application according to the manufacturer's instructions. Cement-based and polymer-modified patching compounds must be suitable for the use, application and applied according to the manufacturer's instructions.

Installation

Maintain a consistent temperature and ambient relative humidity before, during and after installation (between 65-85°F and 30-50% ambient RH). Follow all industry standards and manufacturer's recommendations for floor flatness, acclimation and application of flooring materials. Spread adhesive uniformly onto the substrate using a trowel or roller. Adhesive trowels ridges should be well defined, consistent and achieve full coverage onto the substrate. Observe preferred open time.

When installing over a porous substrate: place floor covering into semi-wet adhesive for a permanent bond or allow adhesive to dry and become tacky to the touch for a pressure sensitive bond. *When installing over non-porous substrate:* always allow adhesive to completely dry and become tacky before installing the floor covering. Once adhesive field has reached appropriate tack - install the floor covering into the adhesive field. Roll the floor covering with a weighted roller per floor covering manufacturer's specific guidelines.

Post installation: Restrict foot traffic and moving of heavy objects for 24-48 hours.

PERMANENT: Open time: 20 minutes Working time: up to 30 minutes

PRESSURE SENSITIVE: Open time: 60 minutes Working time: 12 Hours

Setup time will vary with environmental conditions and porosity of substrate.

Curing

24-48 hours.

Clean-up

Fresh Adhesive – warm, soapy water on clean cloth.

Dried Adhesive – Mineral Spirits sparingly on clean, cotton cloth.

6. AVAILABILITY

Packaging

4 gallon Plastic Pail (15.14 L)	KPA99-4	024043490024
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7. WARRANTY

15-Year Moisture Control / 15 Year Direct Bond / 7-Year Double Bond

Kraus warrants that this product will be free from manufacturing defects for 12 months from the date of manufacture, when applied in accordance with Kraus' instructions and industry standards. Kraus' sole liability is to either supply new product or refund the original purchase price. **This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.** Any implied warranties arising by operation of law are limited to one year. Kraus will not be liable for any incidental or consequential damages.

Visit krausflooring.com for full warranty details.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Customer Service at (800) 852-8020 U.S.A. / (888) 626-2466 Canada.

10. FILING SYSTEM

Division 9

